



PTO/SB/08a (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 3

**Complete if Known**

Application Number 10/575,508

Filing Date

First Named Inventor David A. Struyk

Art Unit

Examiner Name

Attorney Docket Number O.N. 63958

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,844,717	12/01/1998	Faris	
		US- 5,327,285	07/05/1994	Faris	
		US- 6,002,518	12/14/1999	Faris	
		US- 5,113,285	05/12/1992	Franklin, et al.	
		US- 5,537,144	07/16/1996	Faris	
		US- 2003/0026449 A1	02/06/2003	Yerazunis, et al.	
		US- 4,879,603	11/07/1989	Berman	
		US- 5,028,994	07/02/1991	Miyakawa, et al.	
		US- 5,406,627	04/11/1995	Thompson, et al.	
		US- 5,537,476	07/16/1996	Coteus, et al.	
		US- 5,614,920	03/25/1997	Coteus, et al.	
		US- 5,619,219	04/08/1997	Coteus, et al.	
		US- 5,684,561	11/04/1997	Yancey	
		US- 5,706,416	01/06/1998	Mann, et al.	
		US- 5,801,697	09/01/1998	Parikh, et al.	
		US- 5,828,793	10/27/1998	Mann	
		US- 5,963,371	10/05/1999	Needham, et al.	
		US- 6,198,532	03/06/2001	Cabib, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		JP 07084253	03/31/1995	Ito, Yashuiro, et al.		
		JP 04107524	04/09/1992	Yasuhisa, Fujii		
		JP 02116826	05/01/1990	Mikio, Okumura, et al.		
		JP 05173127	07/13/1993	Eiji, Takahashi		

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		US- 6,292,092	09/18/2001	Chow, et al.	—
		US- 6,317,522	11/13/2001	Rackett	—
		US- 6,529,209	03/04/2003	Dunn, et al.	—
		US- 6,662,128	12/09/2003	Barbour, et al.	—
		US- 2003/0038838A1	02/27/2003	Pollitt	—
		US- 2003/0046537A1	03/06/2003	Smith	—
		US- 6,236,407	05/22/2001	Leban, et al.	—
		US- 5,710,839	01/20/1998	Cok	—
		US- 4,602,285	07/22/1986	Beaulier, et al.	—
		US- 5,481,275	01/02/1996	Mical, et al.	—
		US- 5,500,686	03/19/1996	Yamaguchi, et al.	—
		US- 5,680,233	10/21/1997	Faris, et al.	—
		US- 6,016,159	01/18/2000	Faris	—
		US- 6,608,652	08/19/2003	Yamazaki, et al.	—
		US- 2003/0128218	07/10/2003	Struyk	—
		US- 2003/0118183A1	06/26/2003	Struyk	—
		US- 6,650,306	11/18/2003	Yerazunis, et al.	—
		US- 5,488,496	01/30/1996	Pine	—

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		JP 08313895	11/29/1996	Nannichi, Toshihiko, et al.		
		JP 01032332	02/02/1989	Itaru, Tanimoto		
		JP 05119754	05/18/1993	Chic, Nakamura		
		JP 09037192	02/07/1997	Sony Corp.		

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		US- 5,629,684	05/13/1997	McManis	
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Sheet

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***First Named Inventor***

**Struyk, David A**

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**Examiner Name**

Attorney Docket Number

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## NON PATENT LITERATURE DOCUMENTS

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Initials\*Cite  
No.<sup>1</sup>

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

T<sup>2</sup>

OHTAKE and AOKI, A Study of Security for CRT Display with Liquid Crystal Shutter, The Transactions of the Institute of Electronics, Information and Communication Engineers, April 25, 1990, Pgs. 453-455. Vol. 373-D-I No. 4, Japan

ROGERS, FOR YOUR EYES ONLY, Computer Graphics World, December, 1998, Pgs. 16-17  
Penwell Publish. U.S.

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